

Title (en)
WINDSHIELD AND PROCESS FOR MANUFACTURING WINDSHIELD WITH INTERGRATED PHOTOPOLYMERS

Title (de)
WINDSCHUTZSCHEIBE UND VERFAHREN ZUR HERSTELLUNG EINER WINDSCHUTZSCHEIBE MIT INTEGRIERTEN PHOTOPOLYMEREN

Title (fr)
PARE-BRISE ET PROCÉDÉ DE FABRICATION DE PARE-BRISE AVEC PHOTOPOLYMÈRES INTÉGRÉS

Publication
EP 3461636 A1 20190403 (EN)

Application
EP 17194079 A 20170929

Priority
EP 17194079 A 20170929

Abstract (en)
The present disclosure refers to a method (200) for producing a laminated holographic display (100) comprising the following steps; providing (201) a display precursor (100-1), wherein the display precursor (100-1) comprises a first glass layer (113), a second glass layer (115), an unrecorded photopolymer film layer (117, 117-1), which is arranged between the first glass layer (113) and the second glass layer (115), and a polymer film layer (119), which is arranged between the unrecorded photopolymer film layer (117, 117-1) and the second glass layer (115), wherein the providing step (201) is performed in the absence of ambient light; laminating (203) the display precursor (100-1) to obtain a display laminate (100-2), wherein the laminating step (203) is performed in the absence of ambient light; and recording (205) a hologram (111) in the display laminate (100-2) by applying a light beam to the unrecorded photopolymer film layer (117, 117-1) of the display laminate (100-2) to obtain a recorded photopolymer film layer (117, 117-2) comprising the hologram (111), wherein the recording step (205) is performed in the absence of ambient light.

IPC 8 full level
B32B 17/10 (2006.01)

CPC (source: CN EP KR US)
B32B 17/10036 (2013.01 - EP US); **B32B 17/10706** (2013.01 - EP US); **B32B 17/10724** (2013.01 - EP US); **B32B 17/10761** (2013.01 - EP US); **B32B 17/1077** (2013.01 - EP US); **B32B 17/10779** (2013.01 - EP US); **B32B 17/10788** (2013.01 - EP US); **C03C 17/32** (2013.01 - CN); **C03C 17/324** (2013.01 - CN); **G02B 5/32** (2013.01 - US); **G02B 27/0101** (2013.01 - CN); **G02B 27/0103** (2013.01 - US); **G03H 1/0005** (2013.01 - KR); **G03H 1/024** (2013.01 - US); **G03H 1/22** (2013.01 - KR); **G03H 1/26** (2013.01 - KR); **G02B 2027/0196** (2013.01 - CN)

Citation (applicant)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3461636 A1 20190403; **EP 3461636 B1 20210519**; CN 109581659 A 20190405; JP 2019066844 A 20190425; KR 20190038408 A 20190408; US 2019101865 A1 20190404; US 2021373492 A1 20211202

DOCDB simple family (application)
EP 17194079 A 20170929; CN 201811128383 A 20180927; JP 2018180554 A 20180926; KR 20180115686 A 20180928; US 201816127881 A 20180911; US 202117399443 A 20210811